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L16: Entry 1 of 1

File: DWPI

Jun 10, 1999

DERWENT-ACC-NO: 1999-338816

DERWENT-WEEK: 199929

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TITLE: Cosmetic or dermatological preparation containing isoquercitrin as antioxidant and radical scavenger, useful for protection of skin or hair

INVENTOR: KEYHANI, R; MAX, H ; SCHOENROCK, U ; STAEB, F

PATENT-ASSIGNEE:

ASSIGNEE

CODE

BEIERSDORF AG

BEIE

PRIORITY-DATA:

1997DE-1053983

December 5, 1997

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

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June 10, 1999

N/A

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A61K007/42

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-NO

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December 5, 1997

1997DE-1053983

N/A

INT-CL (IPC): A61K 7/027; A61K 7/42; A61K 7/48

ABSTRACTED-PUB-NO: DE19753983A

BASIC-ABSTRACT:

NOVELTY - Use of isoquercitrin (I) (i.e. 3,3',4',5,7-pentahydroxyflavanone 3-(beta -D-glucopyranoside)) as antioxidant and/or radical scavenger in cosmetic or dermatological preparations.

ACTIVITY - Anti-inflammatory; antiallergic; dermatological.

MECHANISM OF ACTION - Antioxidant; radical scavenger.

USE - (I) is useful for:

(1) treatment or prophylaxis of erythematous, inflammatory, allergic or autoimmune skin disorders, especially dermatoses, associated with undesirable oxidation processes;

(2) treatment or prophylaxis of light-sensitive skin, especially to combat

photodermatosis;

(3) prevention of oxidation-induced skin aging;

(4) protection of hair against oxidative damage caused by UV radiation or by oxidizing agents (e.g. hydrogen peroxide) used in treatments such as dyeing or bleaching; and

(5) protection of the components of cosmetic, make-up or dermatological preparations against oxidative or photo-oxidative degradation during storage.

ADVANTAGE - (I) is more stable in cosmetic or dermatological preparations than comparable prior art agents (e.g. vitamin C), and has good activity against oxidation, radicals, binding of harmful photochemical products to lipids DNA and proteins, skin aging, photochemical reactions in skin and inflammatory reactions.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: COSMETIC DERMATOLOGY PREPARATION CONTAIN ANTIOXIDANT RADICAL SCAVENGER USEFUL PROTECT SKIN HAIR

DERWENT-CLASS: B02 D21 E13

CPI-CODES: B06-A01; B14-C03; B14-G02; B14-N17; B14-R01; B14-R02; D08-B03; D08-B09A; E06-A01;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

D014 D023 D120 F012 F013 F014 F015 F016 F123 G015  
G100 H4 H405 H423 H444 H481 H5 H521 H8 J5  
J521 K0 L8 L814 L821 L831 M1 M113 M126 M141  
M280 M311 M321 M342 M373 M391 M412 M511 M521 M531  
M540 M781 M904 M905 P420 P431 P433 P943 Q252 Q262

Specific Compounds

21921K 21921T 21921U

Chemical Indexing M3 \*01\*

Fragmentation Code

D014 D023 D120 F012 F013 F014 F015 F016 F123 G015  
G100 H4 H405 H423 H444 H481 H5 H521 H8 J5  
J521 K0 L8 L814 L821 L831 M1 M113 M126 M141  
M280 M311 M321 M342 M373 M391 M412 M511 M521 M531  
M540 M781 M904 M905 P420 P431 P433 P943 Q252 Q262

Specific Compounds

21921K 21921T 21921U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-099842

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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